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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: Temperatures for Kentucky remained unseasonably high for the majority of the week with some reprieve coming over the weekend. The dry conditions persisted as only a few areas received moderate precipitation. **Topsoil moisture** was rated as 60 percent very short, 28 percent short, and 12 percent adequate. **Subsoil moisture** was rated as 62 percent very short, 27 percent short, and 11 percent adequate. There were 6.6 days out of a possible 7 that were suitable for fieldwork. Farming activity for the state primarily consisted of tobacco cutting and housing along with harvesting of corn and soybeans. These activities were in addition to day to day farming duties.

ROW CROPS: Corn harvest is 80 percent complete, well ahead of both the previous year at 17 percent and the five year average of 44 percent. Ninety-six percent of the corn acreage was considered mature, ahead of the 76 percent for last year and the five year average of 90 percent. Eighteen percent of soybean acreage has been harvested, compared to 2 percent for the previous year and 7 percent for the five year average. Sixty percent of the soybean crop was considered mature, ahead of last year at 21 percent and the five year average of 33 percent. The percentage of soybeans shedding leaves was 84, ahead of the previous year at 57 percent and the five year average of 61 percent. Soybean crop condition was reported as 12 percent very poor, 23 percent poor, 38 percent fair, 23 percent good, and 4 percent excellent.

TOBACCO: Housed tobacco conditions were reported as 2 percent very poor, 10 percent poor, 32 percent fair, 48 percent good and 8 percent excellent. Ninety percent of burley and 86 percent of

dark tobacco has been cut. Dry conditions are causing concern for both quantity and quality of the crop.

OTHER CROPS AND PASTURE: Lack of precipitation continues to be a problem for farmers statewide. Pastures are in need of substantial rain causing some producers to begin feeding hay normally set aside for winter months. Pastures were rated as 36 percent very poor, 29 percent poor, 18 percent fair, 16 percent good, and 1 percent excellent.

CROP PROGRESS for week ending 09/26/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Mature	96	93	76	90
Corn Harvested	80	68	17	44
Soybeans Dropping Leaves	84	69	57	61
Soybeans Mature	60	41	21	33
Soybeans Harvested	18	12	2	7
Burley Tobacco Cut	90	82	78	85
Dark Tobacco Cut	86	76	67	79

SOIL MOISTURE for week ending 09/26/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	60	28	12	0
Subsoil	62	27	11	0

CROP CONDITIONS for week ending 09/26/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Soybeans	12	23	38	23	4
Pasture	36	29	18	16	1
Tobacco Housed	2	10	32	48	8

KENTUCKY WEATHER SUMMARY, SEPTEMBER 20 - 26, 2010:

Above Normal Temperature and Below Normal Rainfall:

This past week was another dry week, with several locations having received less than a tenth of an inch of rainfall total. The continued dry weather across the Commonwealth helped to further worsen the drought conditions in the Bluegrass, Central, and Western climate divisions. The past week, just like the previous 11, was above normal for temperature. High temperatures even got into the 90s several times this past week all across the state.

Temperatures for the period averaged 74 degrees across the state which was 9 degrees above normal. High temperatures averaged from 88 in the West to 84 in the East. Departure from normal high temperatures ranged from 8 degrees above normal in the West to 8 degrees above normal in the East. Low temperatures averaged from 62 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 8 degrees above normal in the East.

Rainfall for the period totaled 0.12 inches statewide which was 0.69 inches below normal. Rainfall totals by climate division, West 0.03 inches, Central 0.17 inches, Bluegrass 0.16 inches and East 0.10 inches, which was 0.79, 0.68, 0.61 and 0.68 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Berea to a high of 0.55 inches at Cumberland Gap.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, SEPTEMBER 26, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Average	
		(Inches)								High	Low
Bardstown	0.37	26.47	4.71	+2.76	+1.68	94	51	74.6	+9	97	56
Berea	0.00	24.70	0.98	-0.20	-2.74	93	53	72.5	+8	96	55
Bowling Green	0.21	31.67	1.16	+6.77	-2.29	98	55	76.3	+11	88	43
Bristol	0.00	15.63	0.51	-5.43	-2.52	96	53	73.9	+9	98	51
Buckhorn Lake	0.02	22.54	1.73	-1.13	-1.68	89	56	71.1	+7	88	43
Cape Girardeau	0.12	22.14	5.27	-1.07	+1.95	94	50	73.7	+6	96	44
Campbellsville	0.19	28.49	1.05	+0.44	-3.27	92	54	73.0	+7	96	55
Covington	0.07	18.83	0.57	-3.13	-2.14	95	52	74.9	+10	88	45
Cumberland Gap	0.55	25.59	2.20	+0.17	-0.75	89	57	72.3	+8	98	51
Dix Dam	0.22	27.62	1.98	+3.17	-1.23	93	52	74.7	+10	83	42
Evansville	0.02	13.57	0.36	-8.41	-2.41	98	53	76.0	+8	79	47
Glasgow	0.07	30.33	1.07	+3.41	-2.56	93	55	74.4	+9	93	43
Grayson	0.00	26.38	0.75	+3.66	-1.88	93	53	71.1	+7	96	55
Hardinsburg	0.17	19.84	0.27	-4.84	-3.14	97	53	75.2	+10	96	55
Henderson	0.00	15.19	0.33	-7.67	-2.87	98	45	73.6	+6	79	47
Huntington	0.00	23.12	0.00	+0.26	-2.68	96	53	74.4	+10	90	45
Jackson	0.08	23.70	1.45	-1.01	-1.86	92	55	73.7	+9	86	45
Lexington	0.28	24.27	0.58	+0.56	-2.45	94	52	74.6	+10	83	42
London	0.16	25.47	2.45	+2.58	-0.78	89	56	72.5	+8	93	45
Louisville	0.01	23.92	0.12	+0.82	-2.85	99	56	79.3	+14	81	40
Mayfield	0.01	19.80	1.89	-5.39	-1.80	99	50	74.4	+7	96	55
Nashville	0.00	38.18	0.07	+14.97	-3.11	96	53	75.7	+10	90	45
Nolin Lake	0.19	24.69	0.52	-1.70	-3.38	96	50	74.7	+9	94	44
Paducah	0.00	19.63	5.31	-5.10	+1.90	96	52	75.6	+8	89	47
Princeton	0.03	24.66	0.96	-0.14	-2.18	96	51	74.9	+7	96	54
Quicksand	0.01	20.06	0.33	-4.65	-2.98	91	53	71.6	+7	96	55
Somerset	0.00	33.60	5.71	+7.66	+1.99	90	55	72.0	+7	96	44
Spindletop	0.35	23.26	1.04	-0.45	-1.99	95	51	74.4	+10	92	51
Williamstown	0.03	21.10	0.20	-2.25	-2.81	94	50	74.8	+10	96	55

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>